

A Message From the Secretary of Energy

"The DOE National Science Bowl® is an integral part of the Energy Department's long-standing efforts to encourage America's youth to study and pursue careers in science, technology, engineering, and mathematics. The high school students who participate in this academic competition embody the goals we are trying to promote through President Bush's American Competitiveness Initiative (ACI). This Initiative emphasizes investments in the physical sciences laying the groundwork for continued American leadership in innovation, exploration, and ingenuity.



*Secretary Bodman
addressing the
2006 National
Science Bowl®
participants*

Events such as the National Science Bowl® play a key role in helping us continue to develop the scientific and engineering workforce that America needs to remain at the forefront of scientific advances, technological breakthroughs and economic competitiveness.

Good luck to all the 2007 National Science Bowl® participants. I hope this event will improve your awareness of career options in science and technology, and provide an avenue of enrichment and reward for your academic science achievement."

*Samuel W. Bodman
Secretary
U. S. Department of Energy*

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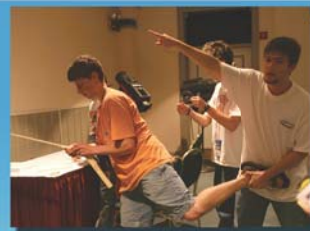
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NATIONAL SCIENCE BOWL®

U.S. Department of Energy



What Is The National Science Bowl®?

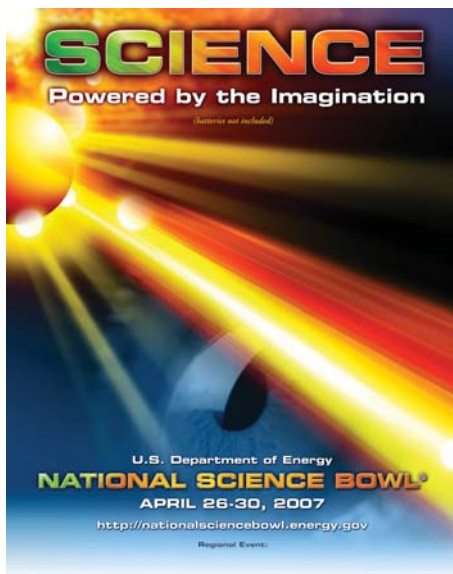
The National Science Bowl® (NSB) is a highly visible educational event and academic competition among teams of high school students who compete in a verbal forum to solve technical problems and answer questions in all branches of science and math. The regional and national events encourage student involvement in math and science activities, improve awareness of career options in science and technology, and provide an avenue of enrichment and reward for academic science achievement.

Who Participates?

Any current public, private, or home-school student is welcome to form a team and participate in one of the 68 regional competitions being held from January to March of 2007. The regional champions receive an all-expense paid trip to compete in Washington, D.C. at the national event.

What Are The Prizes?

At the nationals, all the teams advancing to the elimination tournament earn a monetary prize for their school. The top four teams earn prizes like trophies, calculators, and award trips. Prizes are also awarded for placing in the fuel cell car competitions. The Civility Award trip, trophy, and PDAs are given to the team who contributes their best spirit to the event. Everyone walks away with good memories and a fun time.



What Is Science Day?

Every team participating in the national competition will take part in a day of science seminars and activities. Students and coaches will attend presentations by well-known scientists on a variety of current topics in math and the sciences. The topics in 2006 included: nanotechnology, paleontology, bioterrorism, astrophysics, genomics, magnetism, and computing. Students can also participate in hands-on projects, such as building a tower out of paper.

Model Fuel Cell Car Race

On Science Day at the national event, teams may choose to race model hydrogen fuel cell cars to compete for prizes in either a speed race or a king-of-the-hill climb. Each regional champion team will receive a fuel cell kit and will design and build the cars before arriving at the national event.

How Can I Get Involved?

1. Go to the NSB Web site to find the closest regional event.
2. Form a team of 4 to 5 students.
3. Find a coach.
4. Register and compete in a regional tournament.
5. Study.
6. Practice answering the sample questions.
7. Regional winners will travel to the national competition.